Title (en)

POWER SUPPLY MONITORING FOR AN IMPLANTABLE DEVICE

Title (de)

STROMVERSORGUNGSÜBERWACHUNG FÜR EIN IMPLANTIERBARES PRODUKT

Title (fr)

CONTROLE DE L'ALIMENTATION POUR DISPOSITIF IMPLANTABLE

Publication

EP 1784239 A4 20100901 (EN)

Application

EP 05779348 A 20050727

Priority

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- US 90222104 A 20040728
- US 90057304 A 20040728

Abstract (en)

[origin: US2006025828A1] A method and an apparatus for determining an impedance experienced by a lead associated with the implantable device. A substantially constant current signal is provided through a first terminal and a second terminal of the lead. A voltage across the first and second terminals is measured. An impedance across the first and second terminals is determined based upon the constant current signal and the measured voltage.

IPC 8 full level

A61N 1/37 (2006.01); **A61N 1/08** (2006.01)

CPC (source: EP US)

A61N 1/3708 (2013.01 - EP US); G01R 31/389 (2018.12 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2006025828 A1 20060202; CA 2574434 A1 20060209; CA 2574434 C 20140415; EP 1784239 A2 20070516; EP 1784239 A4 20100901; EP 1784239 B1 20130703; EP 2581109 A1 20130417; EP 2581109 B1 20140319; US 2006025829 A1 20060202; US 2010274302 A1 20101028; US 7751891 B2 20100706; US 8086310 B2 20111227; WO 2006014971 A2 20060209; WO 2006014971 A3 20070222; WO 2006014972 A2 20060209; WO 2006014972 A3 20070705; WO 2006014972 A8 20070830

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